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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Schadt et al.

Confirmation No.:

9607

Serial No.:

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Art Unit:

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For:

COMPUTER SYSTEMS AND

Attorney Docket No:

9301-210-999

METHODS FOR

ASSOCIATING GENES WITH

TRAITS USING CROSS

SPECIES DATA

## TRANSMITTAL OF SEQUENCE LISTING

Mail Stop PCT Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In connection with the above-identified application, and in accordance with 37 C.F.R. § 1.821, Applicants submit herewith a Sequence Listing in paper and computer-readable format pursuant to 37 C.F.R. §§ 1.821(c) and (e).

I hereby state that the content of the paper and computer-readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §§ 1.821(c) and (e), respectively, are the same and add no new matter to the instant application. I further hereby state that the content of the paper and computer-readable copies of the Sequence Listing submitted herewith are identical to the sequence listing filed in International Application No. PCT/US03/41613 on April 22, 2004 in response to the March 22, 2004 Invitation to Furnish a Nucleotide and/or Amino Acid Sequence Listing Complying with Standard issued by the International Searching Authority.

Date June 30, 2006

Respectfully submitted,

Telletorga for 32,605

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**Enclosures**